

Program EVALPLOT
(Version 2021-1)

by

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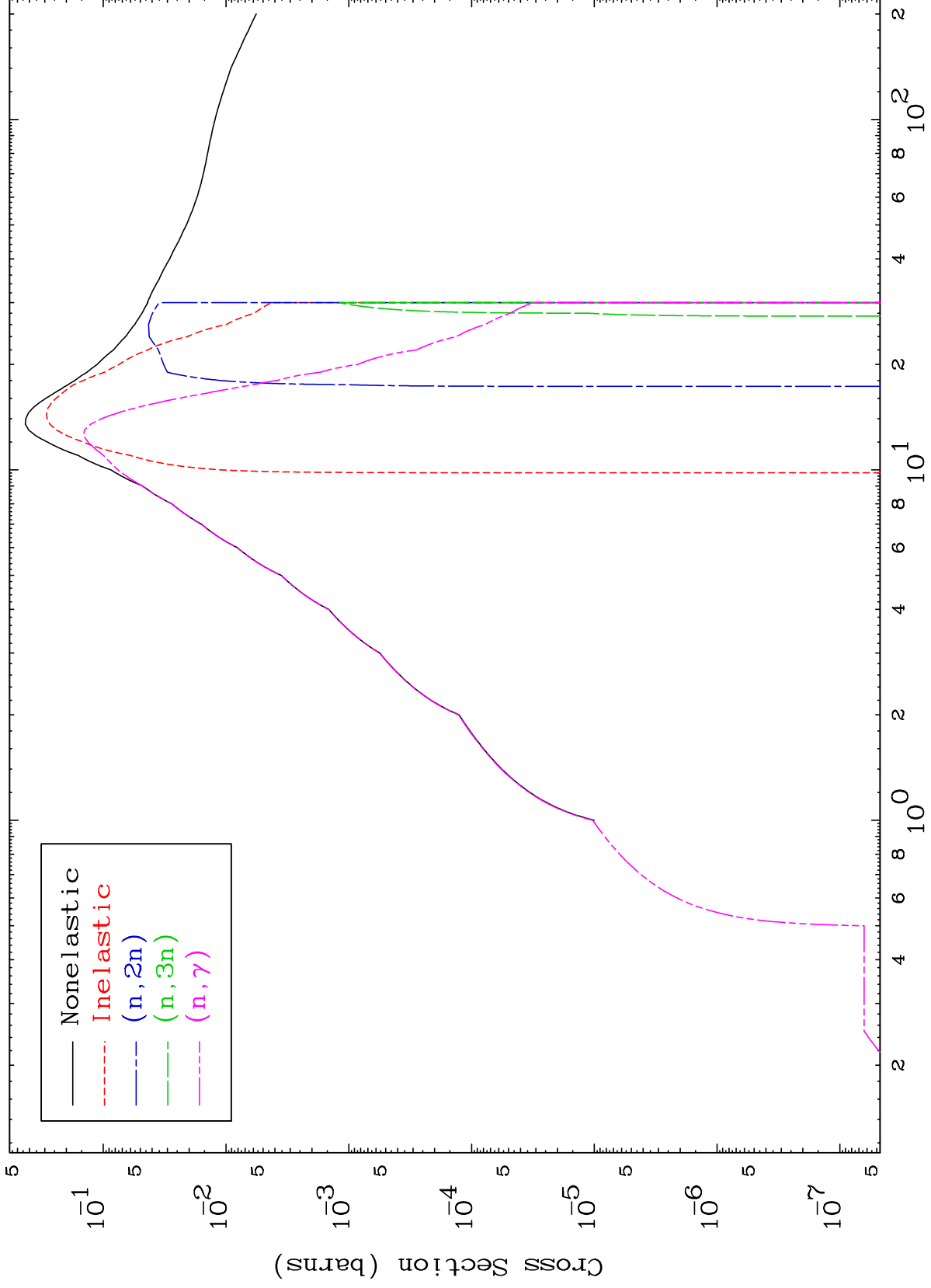
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8007

0 Kelvin Major
Photon Cross Sections

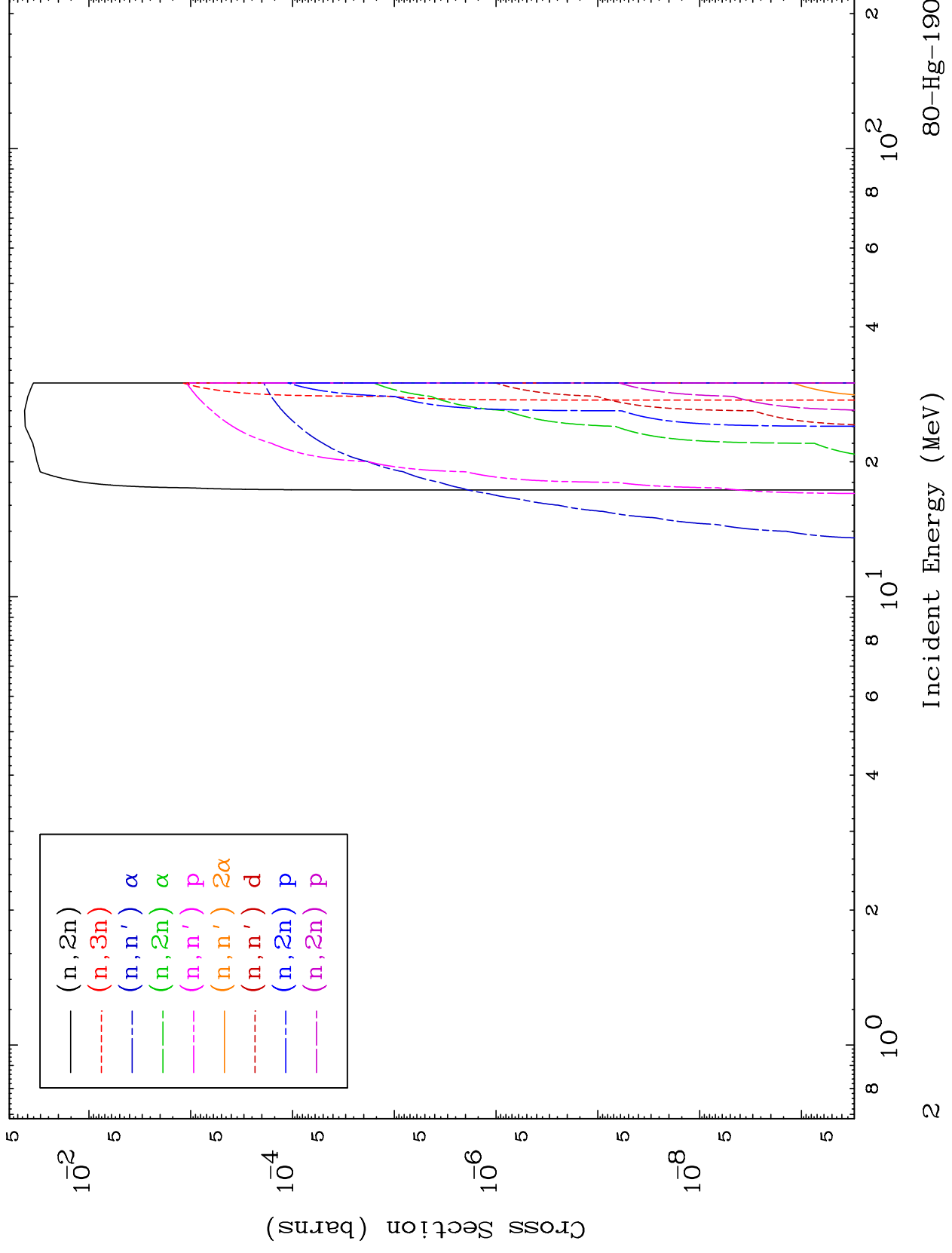
80-Hg-190



MAT 8007

Photon Neutron Absorption
0 Kelvin Cross Sections

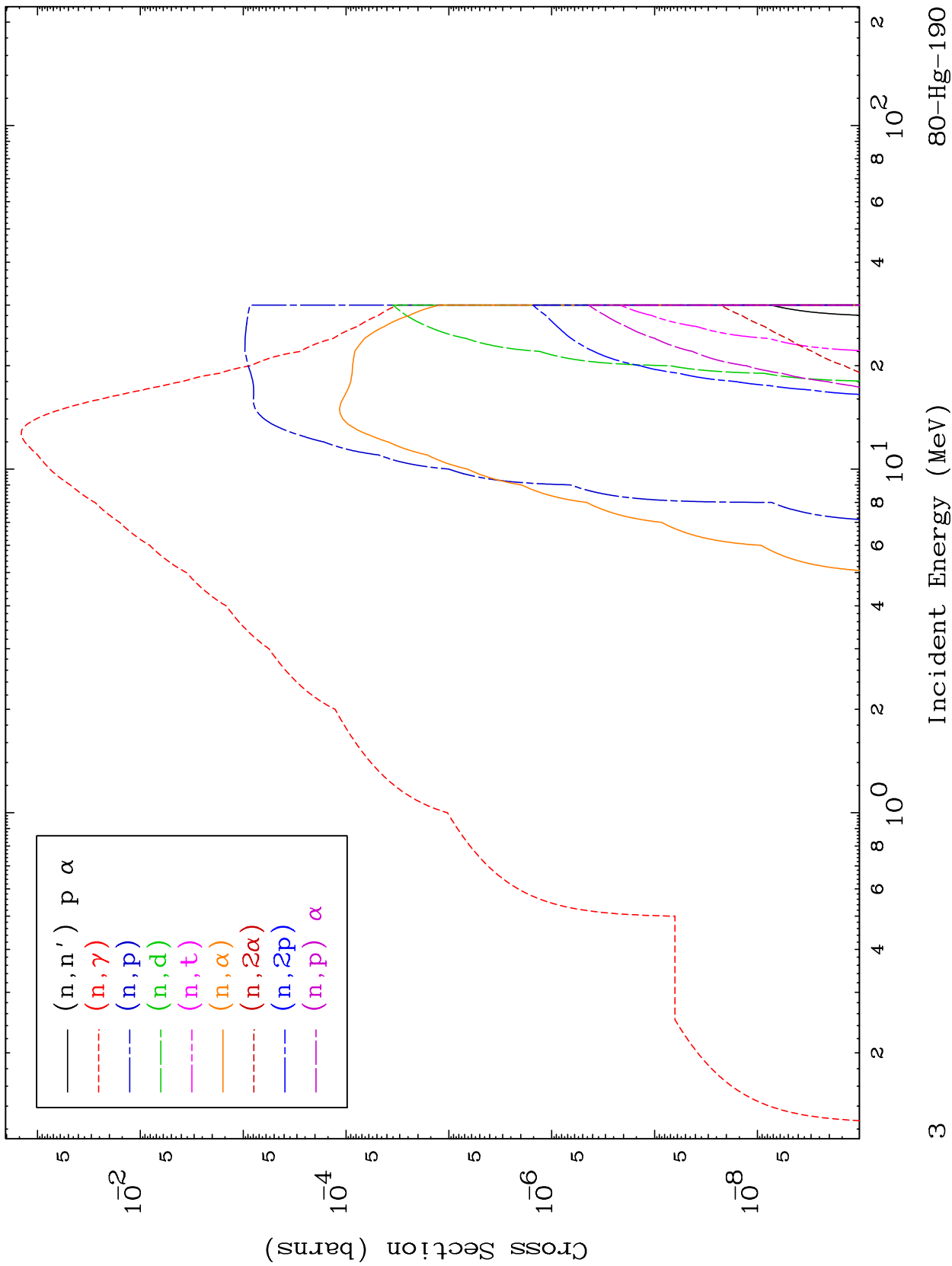
80-Hg-190



80-Hg-190

Incident Energy (MeV)

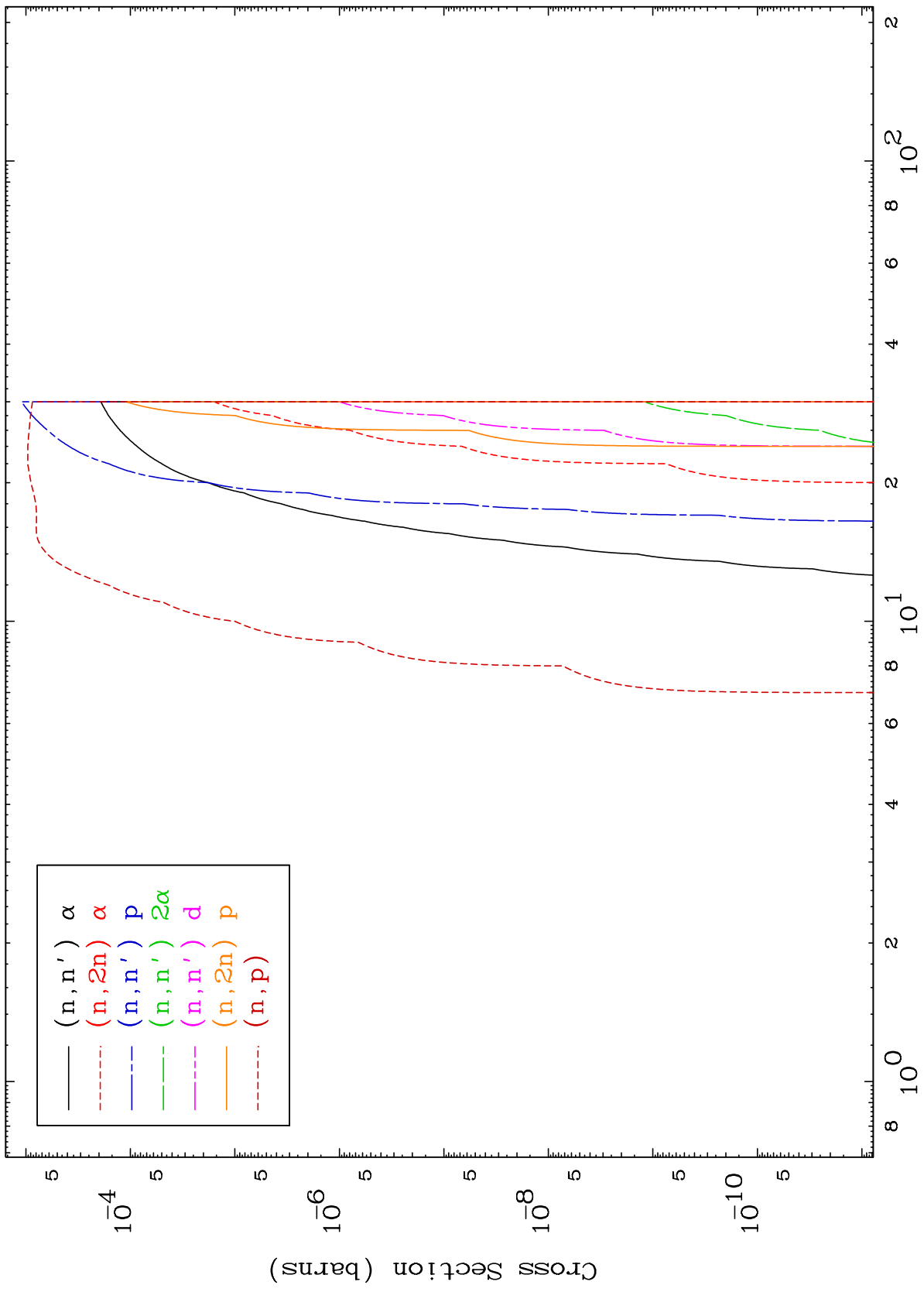
2



MAT 8007

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-190



4

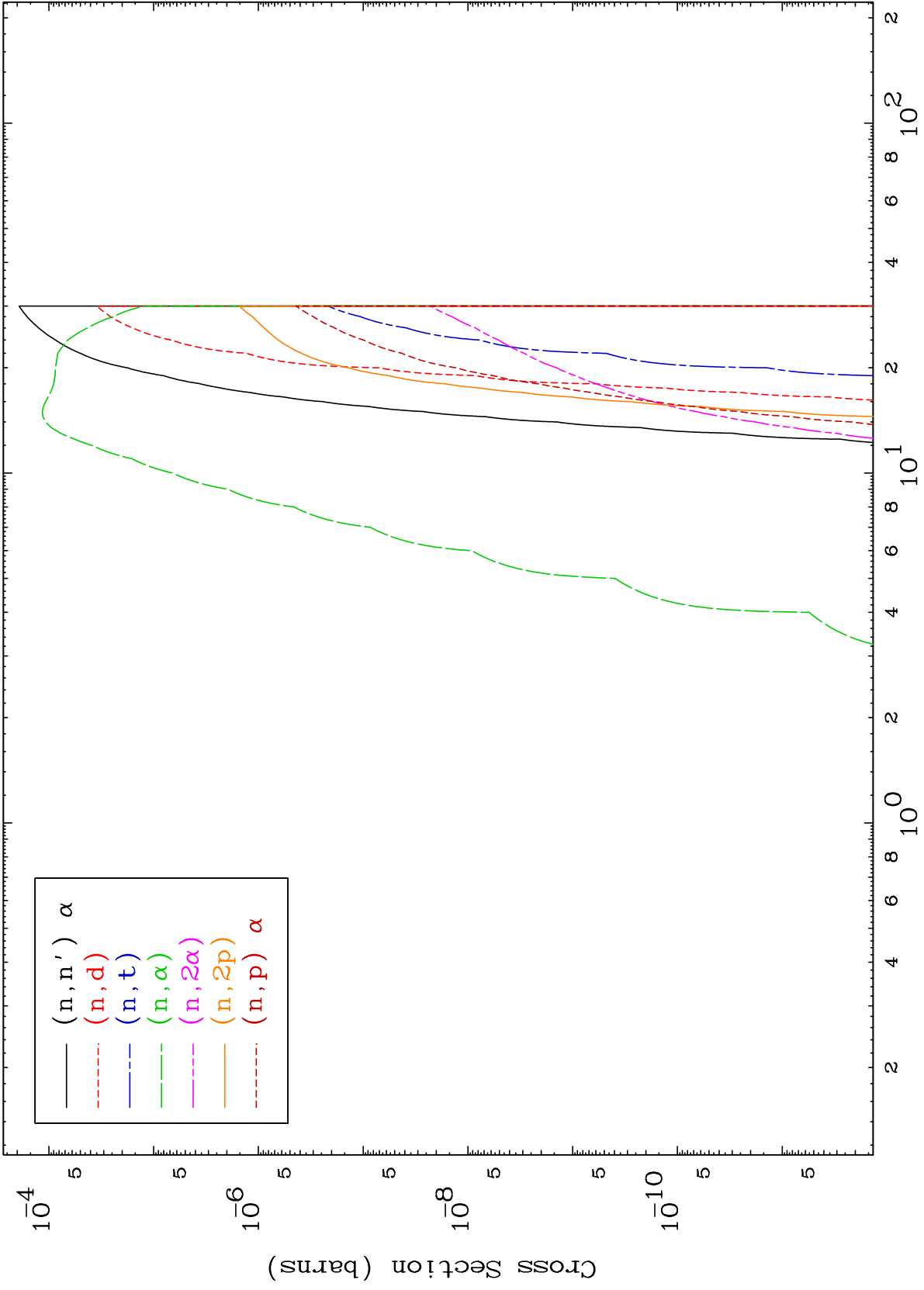
Incident Energy (MeV)

80-Hg-190

MAT 8007

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-190

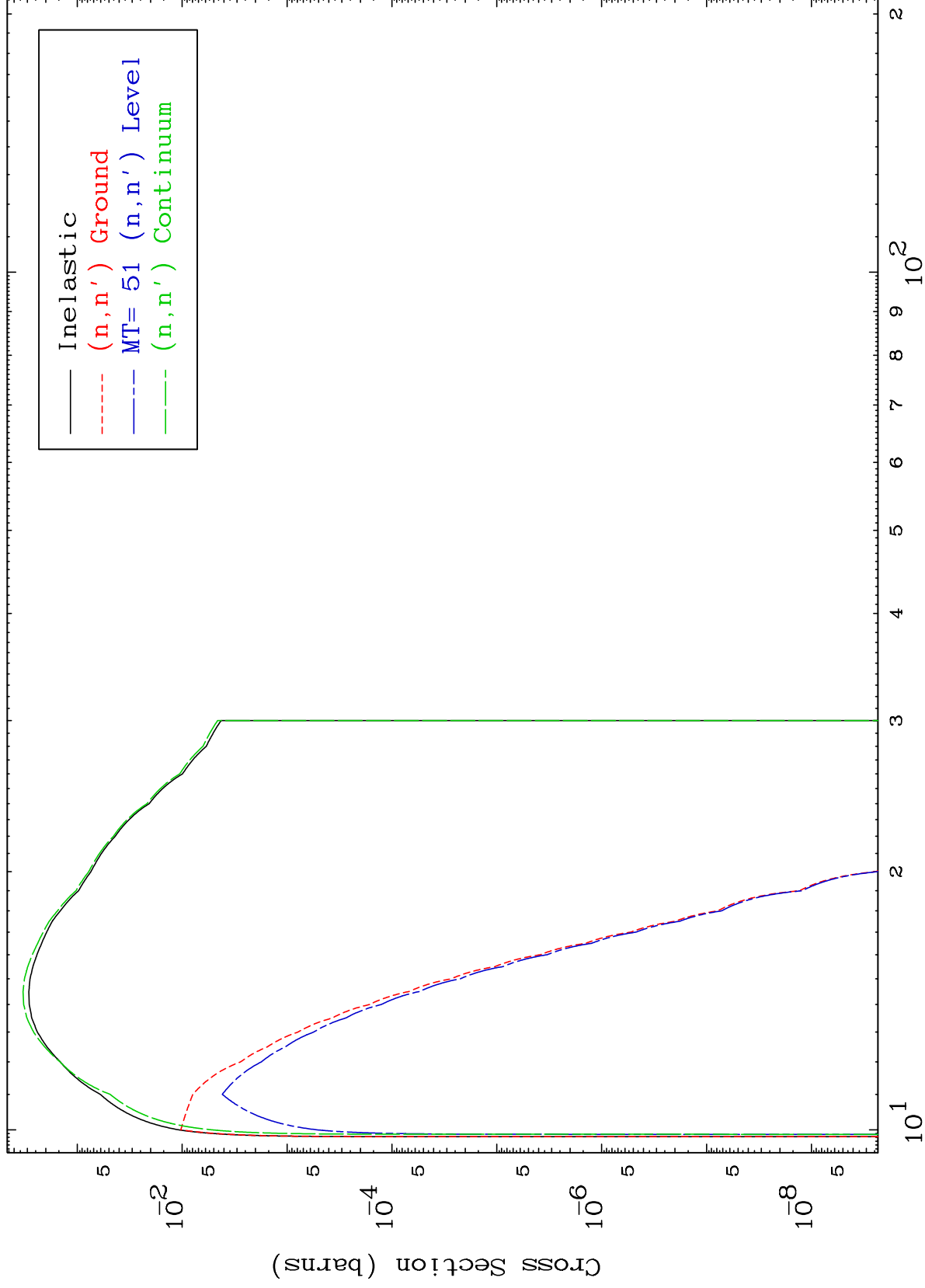


MAT 8007

(γ, n') Levels

80-Hg-190

0 Kelvin Cross Sections



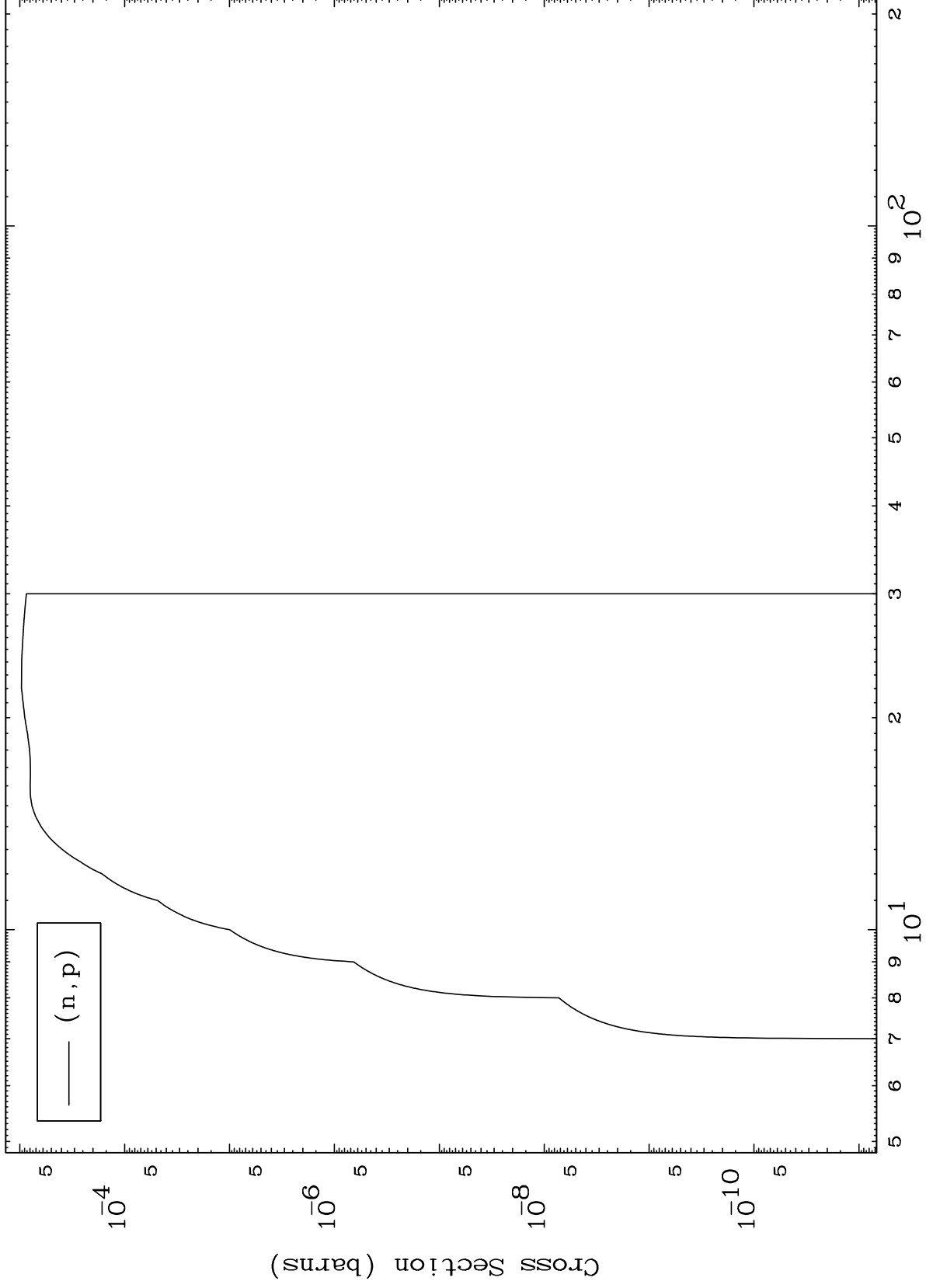
Incident Energy (MeV)

80-Hg-190

MAT 8007

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-190



7

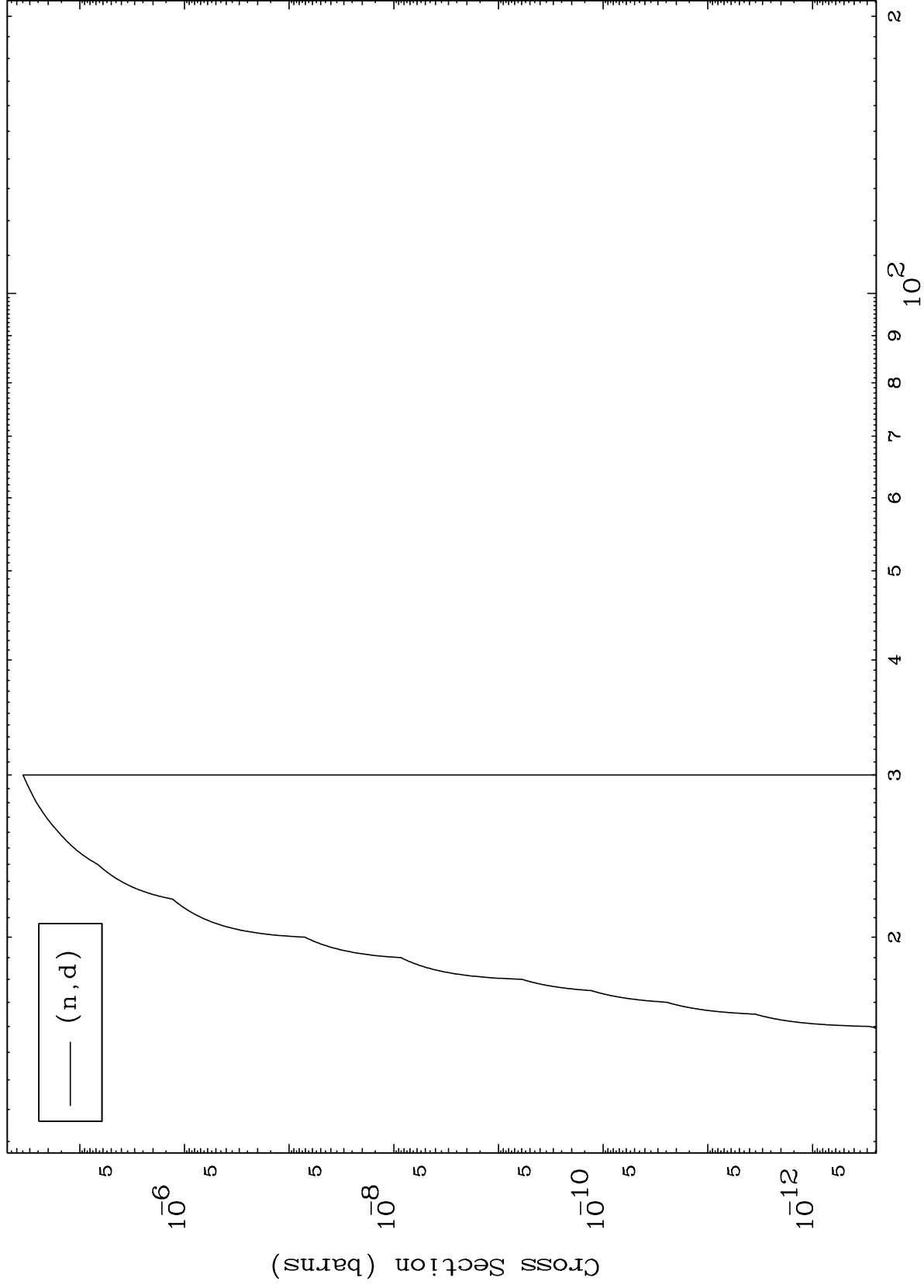
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

(γ, d) Levels
0 Kelvin Cross Sections



80-Hg-190

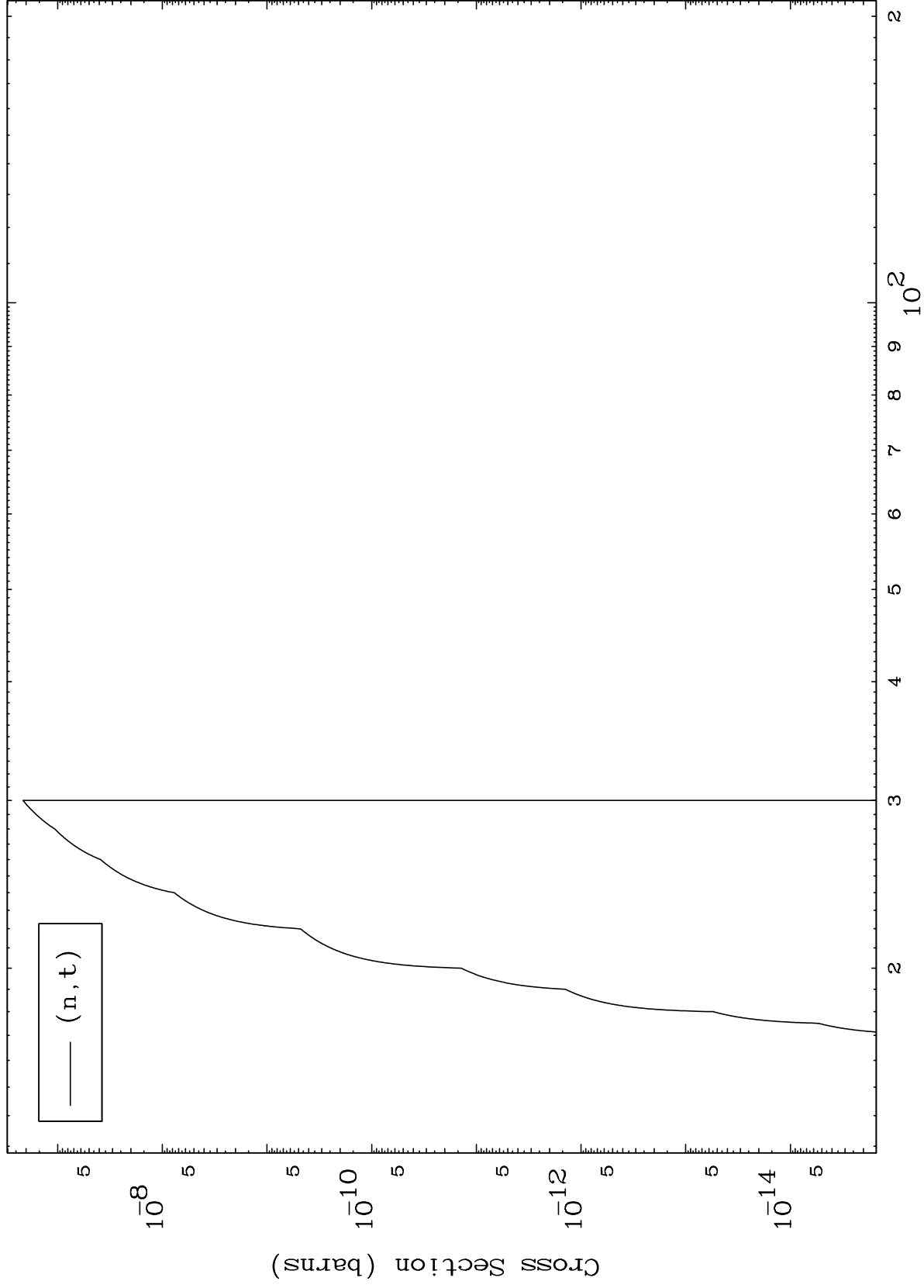
Incident Energy (MeV)

8

MAT 8007

(γ, t) Levels
0 Kelvin Cross Sections

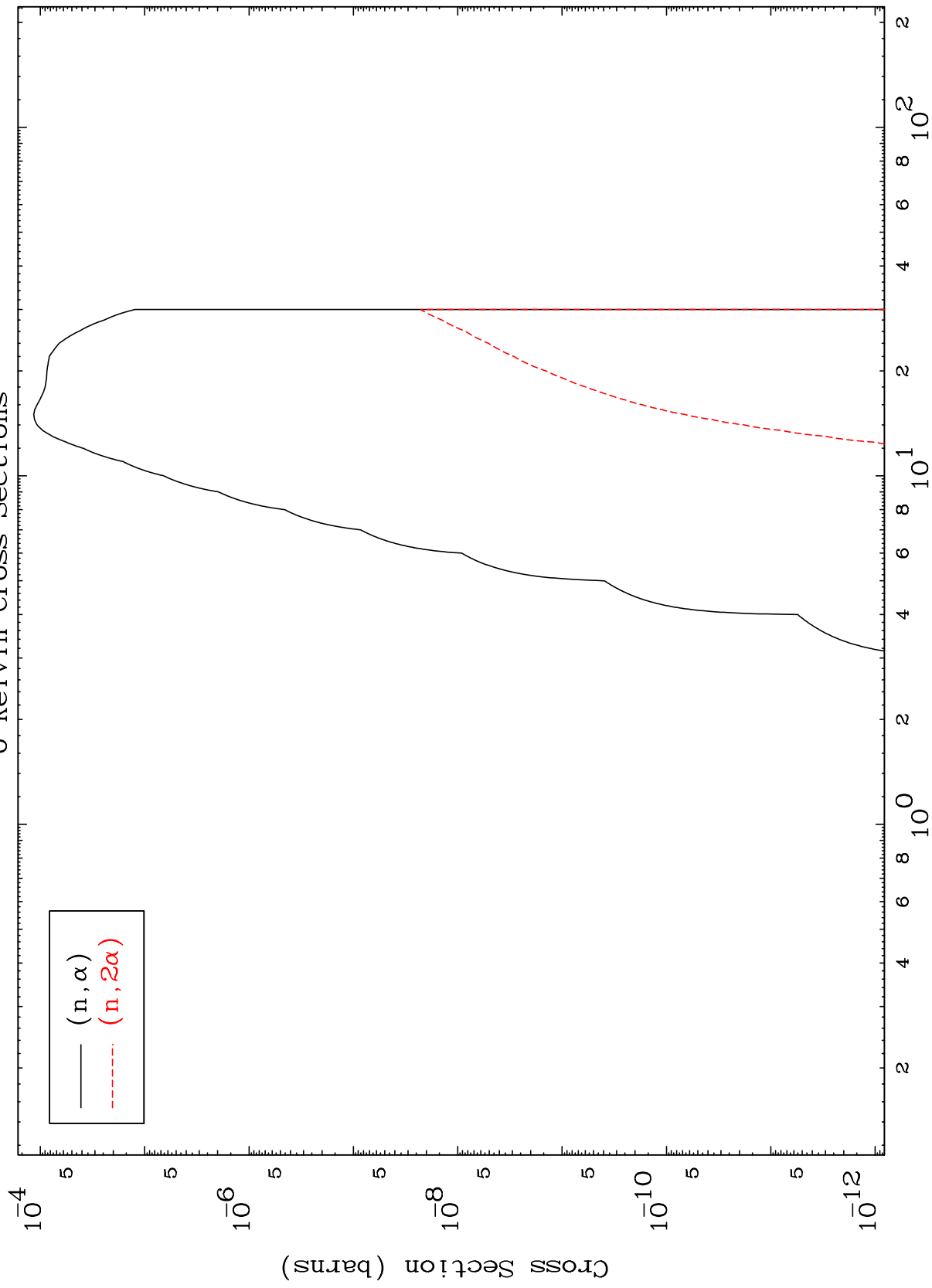
80-Hg-190



MAT 8007

80-Hg-190

(γ, α) Levels
0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

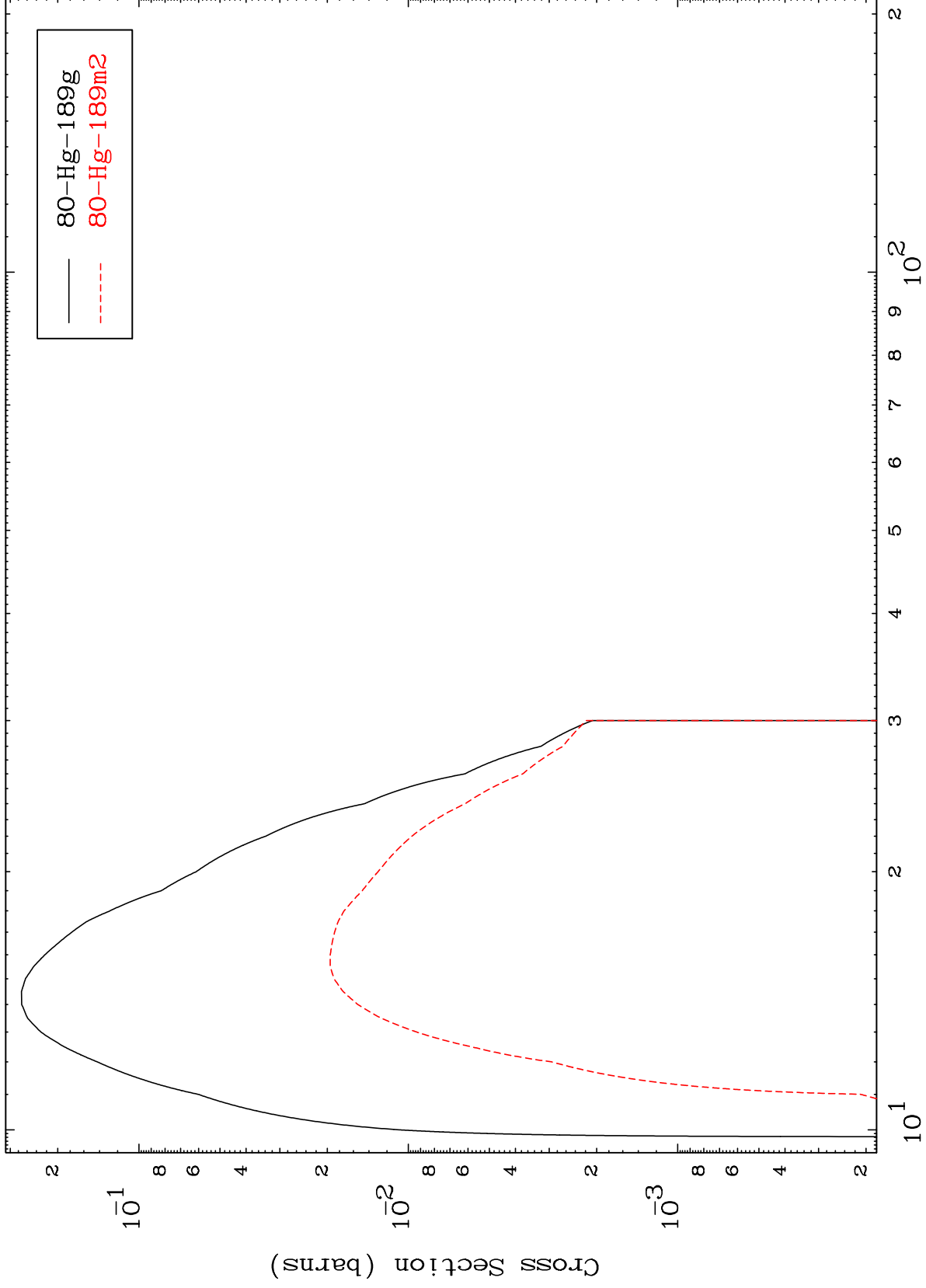
Incident Energy (MeV)

80-Hg-190

MAT 8007

Inelastic
Radionuclide Production Cross Section

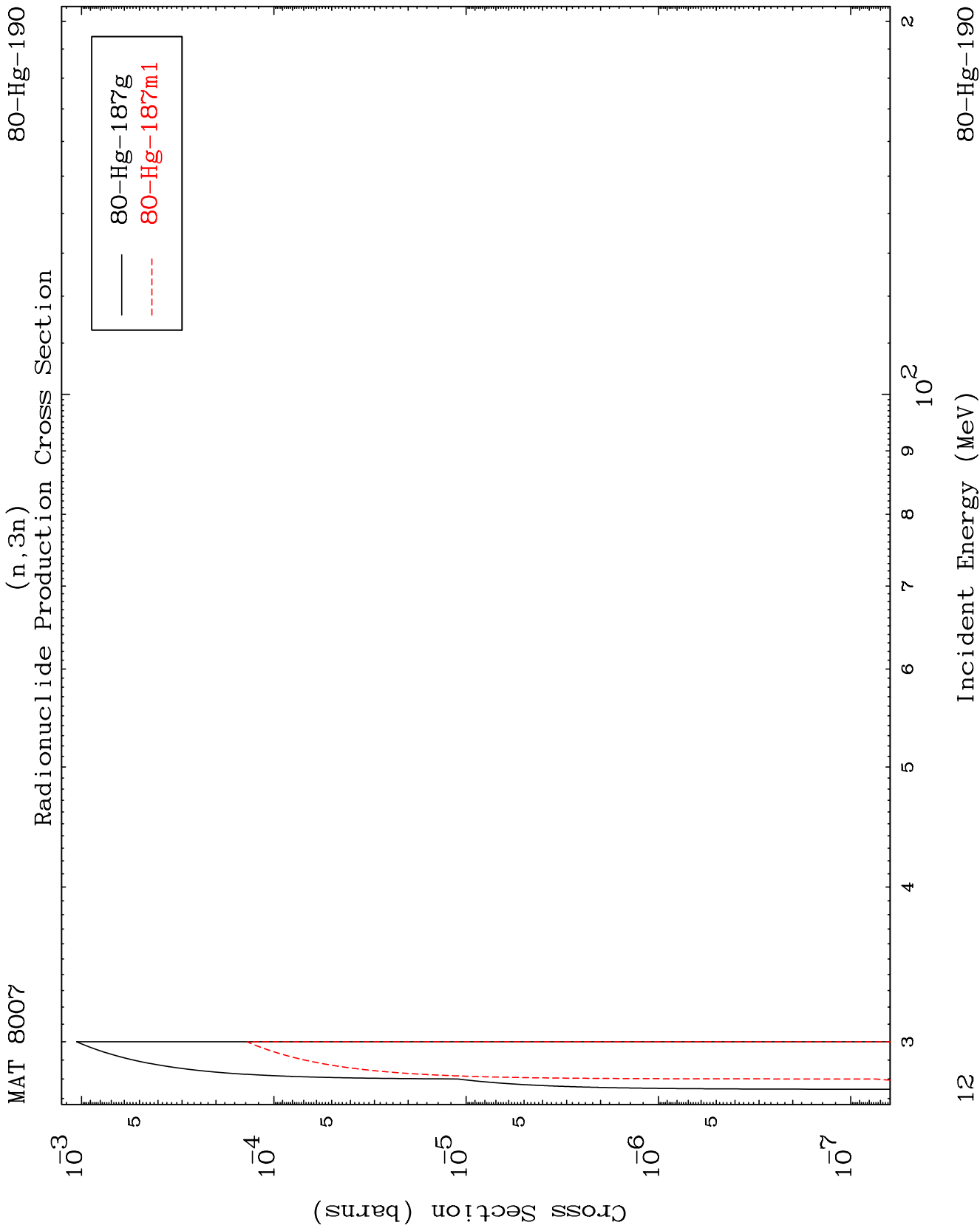
80-Hg-190



11

Incident Energy (MeV)

80-Hg-190

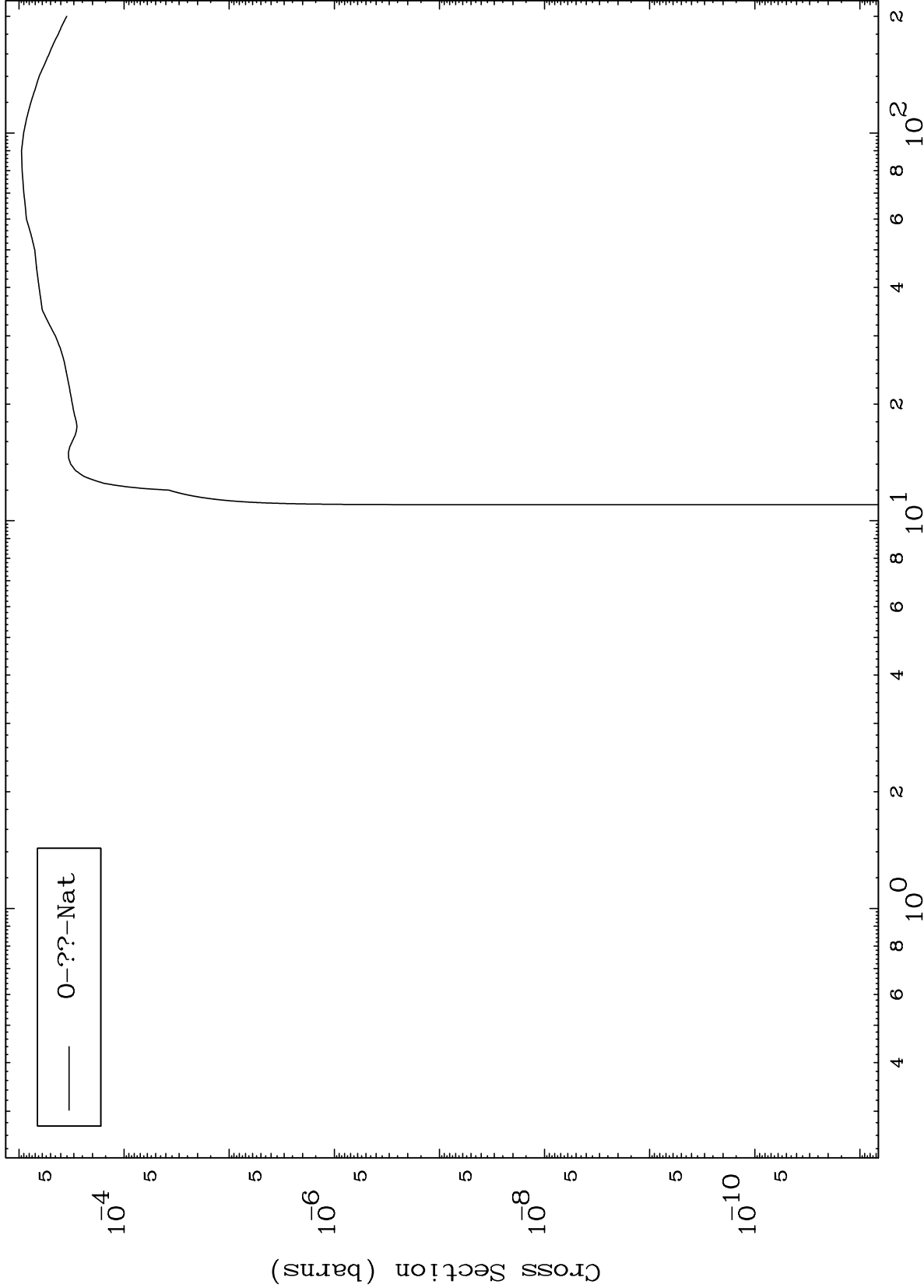


MAT 8007

Fission

80-Hg-190

Radionuclide Production Cross Section

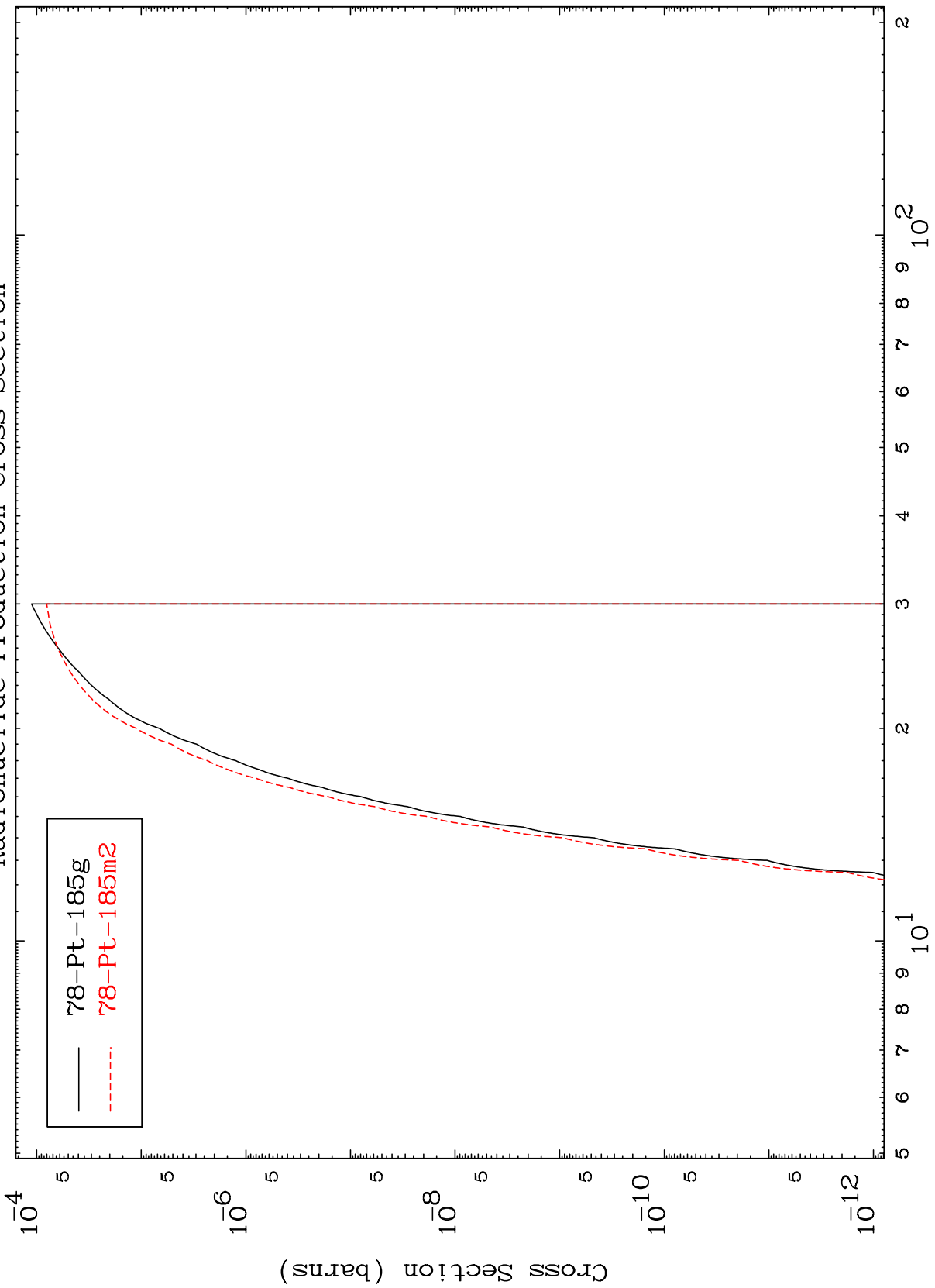


MAT 8007

$(n, n') \alpha$

80-Hg-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

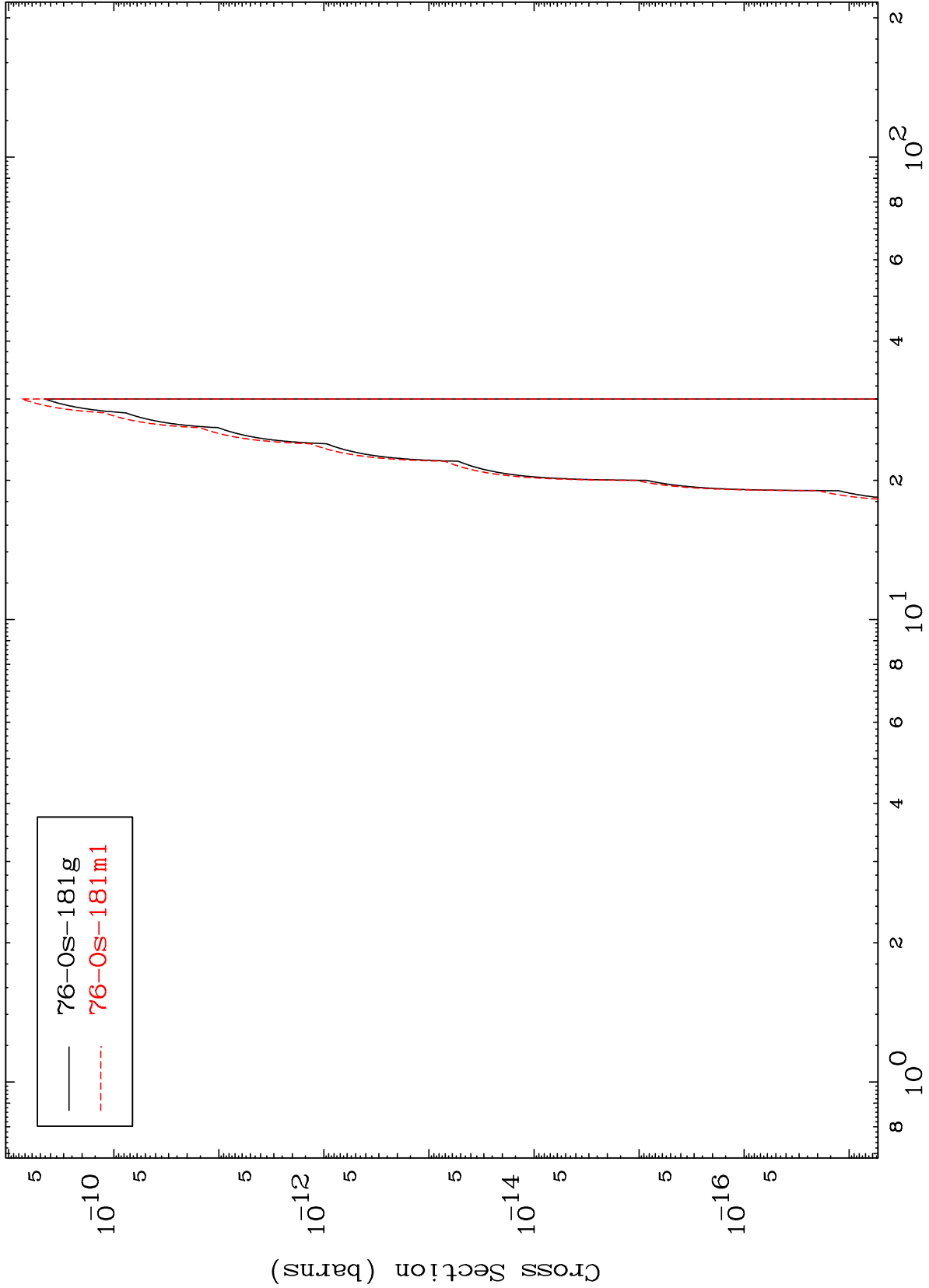
80-Hg-190

MAT 8007

(n,n') 2α

80-Hg-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

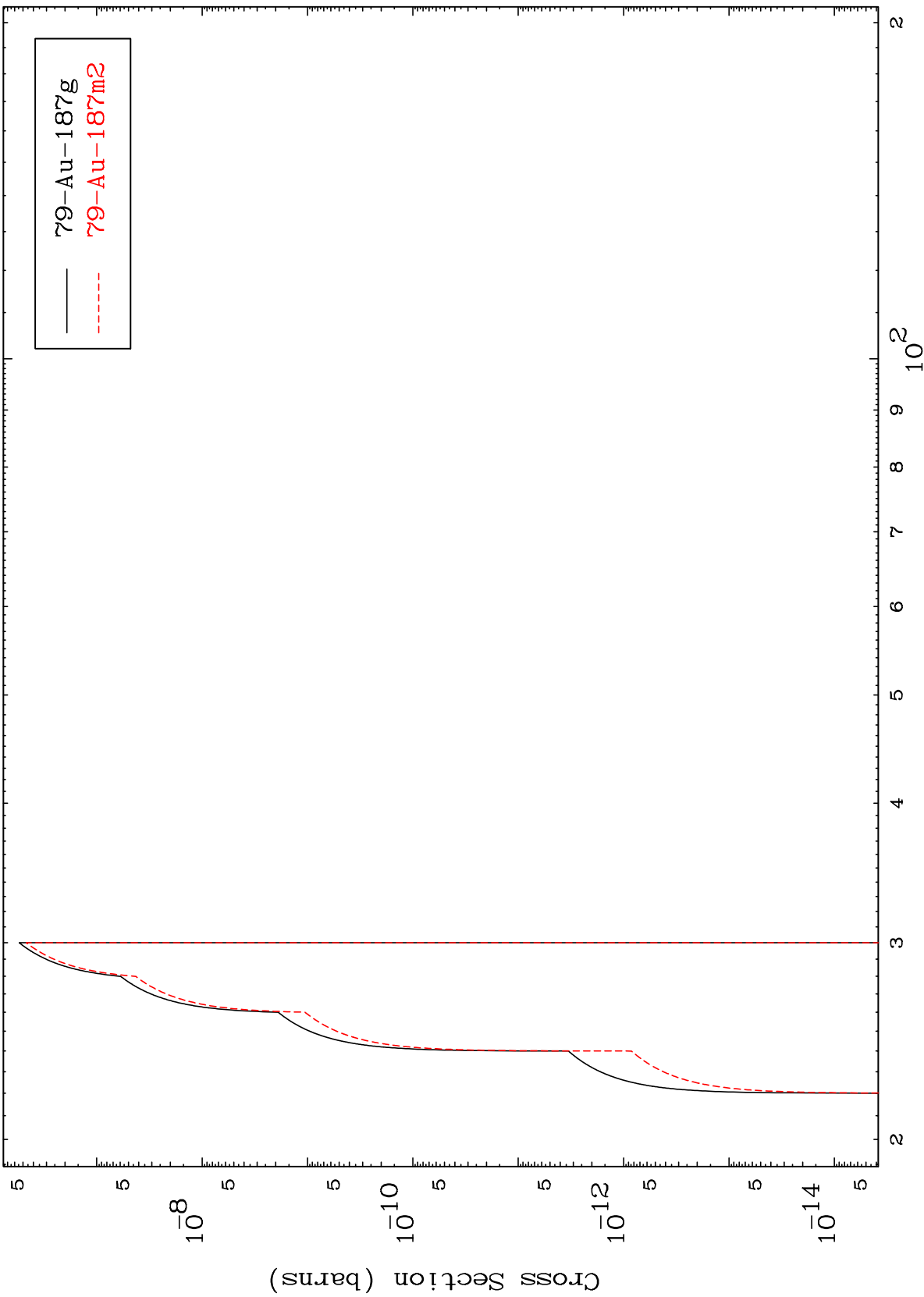
80-Hg-190

MAT 8007

(n,n') d

80-Hg-190

Radionuclide Production Cross Section

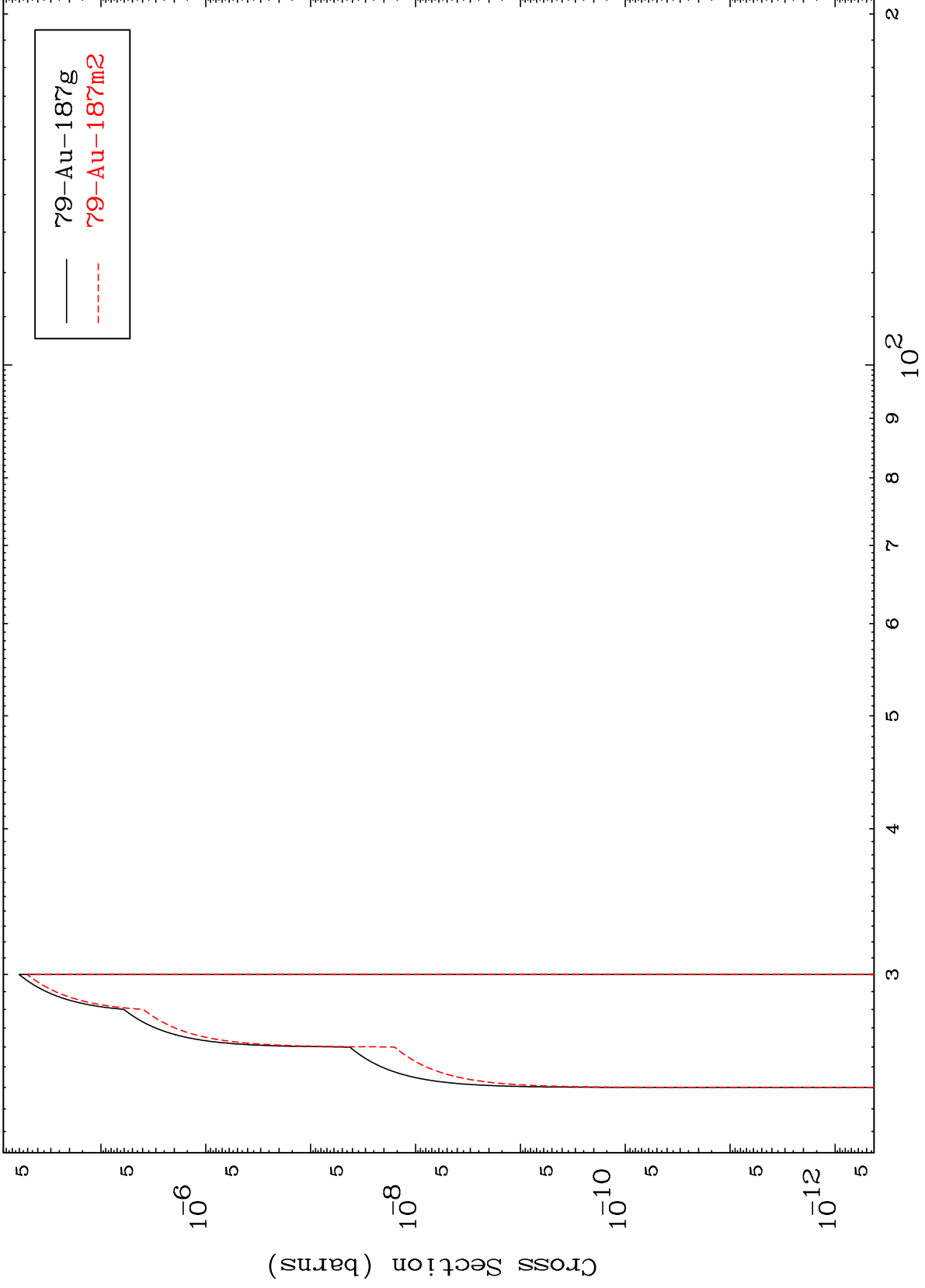


16

Incident Energy (MeV)

80-Hg-190

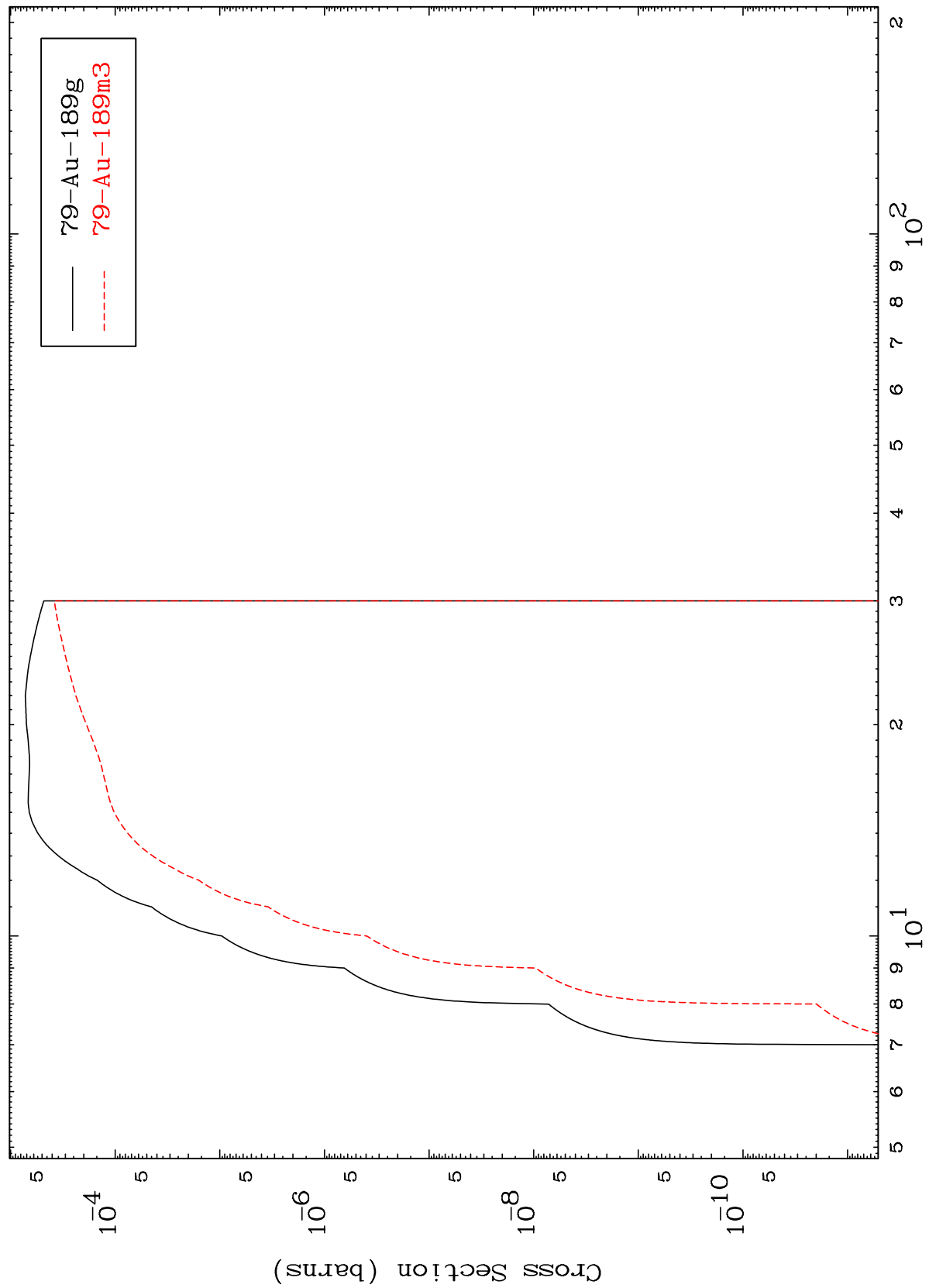
Radionuclide Production Cross Section



MAT 8007

80-Hg-190

(n,p)
Radionuclide Production Cross Section



80-Hg-190

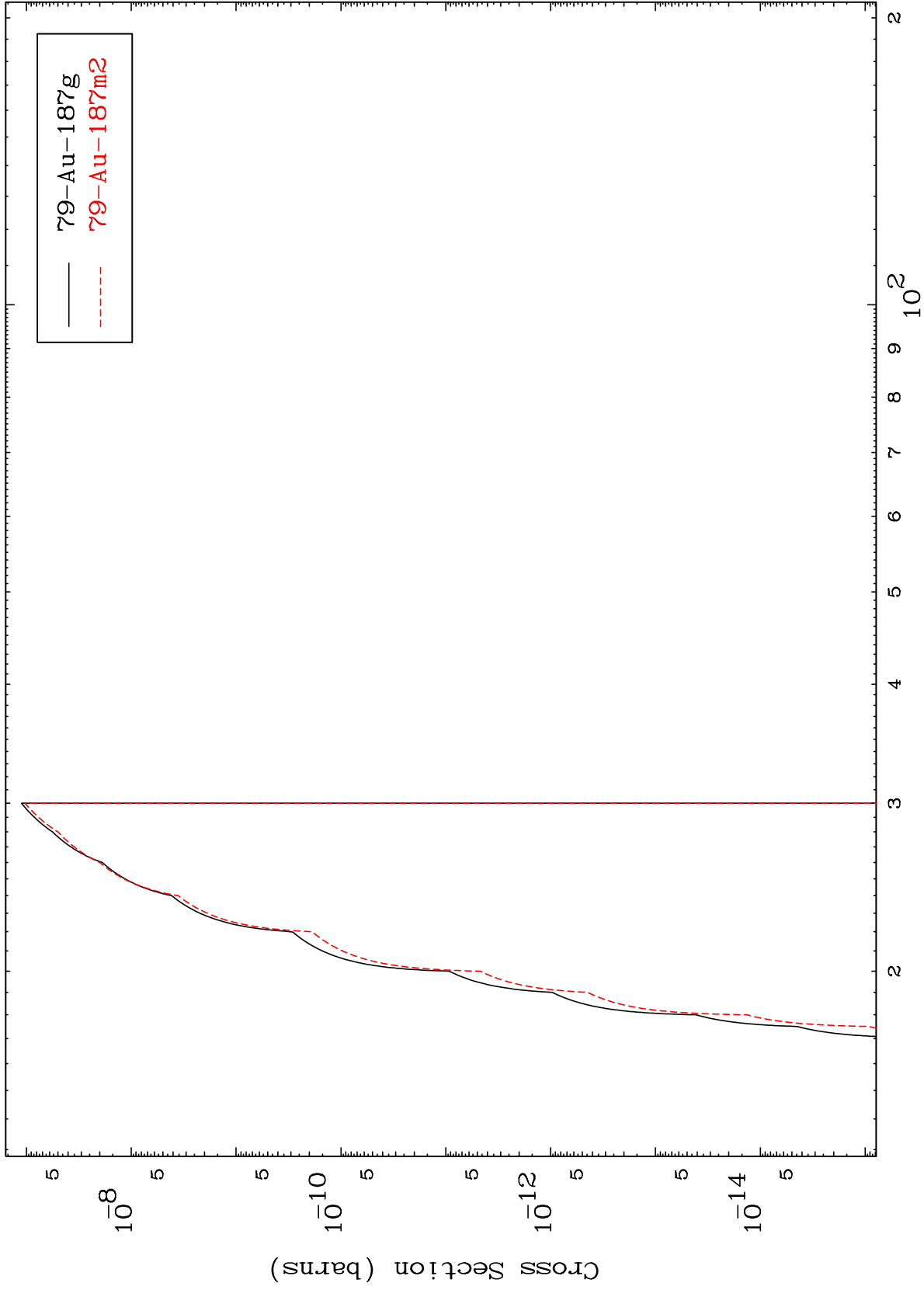
Incident Energy (MeV)

18

MAT 8007

80-Hg-190

(n, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-190